

ABSTRACT OF DISCLOSURE

A front end module comprises a diplexer, a first duplexer, and a second duplexer. The first duplexer is connected to the diplexer through a first high frequency switch and separates transmission signals and reception signals of the N-CDMA from each other. The second duplexer is connected to the diplexer through a second high frequency switch and separates transmission signals and reception signals of the W-CDMA from each other. Each of the duplexers includes acoustic wave elements. A single multi-layer substrate for integration is used to integrate the components of the front end module.

5 The diplexer is made up of a conductor layer located inside or on the surface of the multi-layer substrate.

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